

REMARKS/ARGUMENTS

Claims 1-21 have been examined and rejected. The present response amends claims 1, 6, 10, 15, and 19 and cancels claims 3, 8, 12, 17, and 22. Claim 20, omitted from the originally filed claim set, may also be considered cancelled. Accordingly, claims 1-2, 5-7, 9-11, 23-16, 18-19, and 21 remain pending. Reconsideration and allowance of all pending claims are respectfully requested. A supplemental Information Disclosure Statement is also being submitted herewith.

Claims 1-21 have been rejected under 35 U.S.C. 102(b) as being anticipated by U.S. Patent No. 5,732,113 issued to Schmidl, et al (hereinafter Schmidl). As a preliminary matter, it should be noted that there is a difference of terminology used to refer to OFDM signal features between Schmidl and the present application. Where Schmidl refers to a "symbol," this would be a "burst" in the nomenclature of the present application. Where the present application refers to a "frequency domain symbol" such as a data symbol or a training symbol, Schmidl refers to a "subcarrier."

To expedite prosecution, the rejected independent claims have been amended to specifically recite that system configuration information is carried as interburst phase differences between training symbols and that the system configuration information "comprises at least one of constellation size, code rate, interleaver depth, and RS parity." This feature is neither disclosed nor suggested by Schmidl. Independent claims 1, 6, 10, 15, and 19 are therefore allowable over the art of record. Claims 2, 4, 5, 7, 9, 11, 13, 14, 16, 18, and 21 are allowable for at least the reason of their dependence from allowable claims.

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Reply to Office Action of March 2, 2004

Conclusion

For the foregoing reasons, Applicant believes all the pending claims are in condition for allowance and should be passed to issue. If the Examiner feels that a telephone conference would in any way expedite the prosecution of the application, please do not hesitate to call the undersigned at (408) 446-8694.

Respectfully submitted,



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If it is determined that any additional fees are due, the Commissioner is hereby authorized to charge such fees to Deposit Account 50-1652 (Order No. CISC646).

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